USER’S MANUAL OF ELECTRIC BIKES

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1. IMPORTANT INFORMATION

PEDALS: The pedals of the bike you have just received have a L and a R at the extremity of the axis. The pedal with the R spins clockwise and has to be set up on the right side; the pedal with the L spins the other way around (anti-clockwise).

DERAILLEUR: This bike requires a 20 hours running-in phase. You have to make it by only using the medium speed and the central cassette during this time. If you use higher or lower speeds during this running-in phase the bike chain may come out of the chain ring.

BRAKES: The disc brakes also need a 20 hours running-in phase. At the beginning they won't be working 100% and there might be some frictions that will go away during this phase. We recommend not to make any kind of adjustments because all the components sent come a little tensed up to avoid readjustments just after the running-in phase.

CHARGE DURING 12H BEFORE THE FIRST USE.

DO NOT LET THE BATTERY RUN DOWN.

We recommend charging it every time you use the bike, and never let the battery run down completely. In case the battery would completely run down, the charger may not be powerful enough to recover the battery.

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2. DEFINITIONS

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3. BIKE'S UNPACKING, INSTALLATION, SETTINGS AND MANTENANCE

Refer to the corresponding section in the User's Manual of ordinary bikes, available at www.momabikes.com.

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4. GENERAL INFORMATION

We recommend not using the Bike under the rain, particularly under driving rain.

The electronic components, such as the motor, battery, controller, must not be drowned in water.

To connect the motor, you have to turn the key of the battery on the "ON" position and turn on the display of the handle stem.

It is possible to ride the bike with the pedaling assistant mode on or only with the accelerator.

- With the pedaling assistant mode on, you just have to pedal in order to connect the motor. The level of the assistance is controlled from the display.
- If you wish, you can ride the Bike only with the accelerator. But you must take in consideration that the autonomy of the bike's battery will decrease significantly, whether it is to maintain the speed or to start up, particularly for the latter.

Brakes disconnect the motor: when you activate one of the two brake levers, the motor will be automatically disconnected. You must try not to press the brake levers with your hands owing to the fact that a light pressure could stop the motor.

Some of the components such as the battery, motor or controller, must be manipulated by professional technicians only.

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5. BATTERY

Before the first use, make sure the battery is fully charged.

In order to optimize the battery's life, you should always leave it fully loaded, and load it once a month if you do not use the Bike.

To charge the battery, first connect the plug to the battery; secondly, connect it to the power grid. The red light of the charger will turn on, which indicates the battery is charging. When the battery is fully charged, the red light will turn green.

You always have to disconnect the battery from the power grid after charging. When you want to disconnect the charger, do it firstly from the electricity network and secondly from the battery.

Charge the battery during 12h before the first use.

The 3 following charges must be continuous and last 12h too.

Never leave the charger connected to the power grid when it is not used.

VERY IMPORTANT:

CHARGE THE BATTERY DURING 12H BEFORE THE FIRST USE.

DO NOT LET THE BATTERY RUN DOWN.

We recommend charging it every time you use the bike, and to never let the battery run down completely. In case it would run down entirely, the charger may not be powerful enough to recover the battery.

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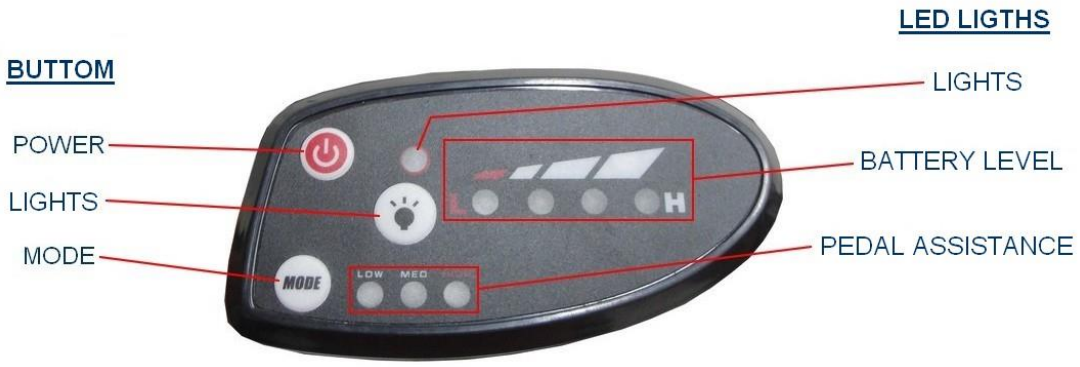
6. DISPLAY

6.1 Ebike 20



Buttons:

- Power: switch on/off the engine
- Lights: switch on/off lights of the bike
- Mode: select level of assistance to pedaling

Indicators:

- Lights: shows if the lights of the bike are switch on or off
- Level de battery: shows charge's level of the battery
- Assistance to pedaling: shows assistance's level of the engine.
    - Low: Lower assistance/help to pedals
    - High: Highest assistance/help to pedals

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6.2 Ebike 26

Buttons:

- Power: press once to switch on the engine. Once connected, press to switch on/off the lights of the bike. If you want to disconnect the bike hold some seconds.
- Up/down: select the level of assistance to pedaling.
    - Up: for a mayor assistance/help of the engine.
    - Down: for a minor assistance to the engine.

Indicators:

- Lights: shows if the lights of the bikes are on. If the lights are off, that icon doesn`t appear on the display.
- Level of the battery: shows the level charge's level of the battery
- Assistance to pedaling: shows the level of assistance in which the engine is. A higher level more help during pedaling.
- The speed is showed only when the engine it's working on.

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7. THECNICAL SPECIFICATIONS

Maximum speed	20km/h
Net weight (Ebike 26 / Ebike 20)	20 / 18 kg
Maximum autonomy	80km *
Maximum charge weight	120kg
Distance between axes (Ebike 26 / Ebike 20)	116 / 108 cm
Dimensions (Ebike 26 / Ebike 20)	182x62x110 / 162x61x116 cm
Noise during the operation	<60db
Waste of energy every 100km	<1.2kW/h
Type of battery cells	Ion Lithium
Battery's capacity	16Ah
Battery's voltage	36V
Minimum security voltage	31,5V
Overcharge security current	16A
Engine type	Motor Brushless
Engine nominal power	250W
Engine nominal voltage	36V

* The ebikes' autonomy refers to an adult standard weight of 70kg on a totally flat ground used in the assistance to pedaling mode. Less you help the bike, lower will be the autonomy. In the same way the autonomy decrease considerably, going uphill and if increase the weight of the cyclist.

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8. PROBLEM'S SOLUTION

BREAKDOWN	CECK FOLLOWING:
The engine don't work	The battery is perfectly fit in his place. The key ins in the position ON The display on the handlebar is switch on The battery is charged The brakes' lever are not hold on There are not disconnected or broken cables.
The battery don't charge	It's correctly connected to the charger and the same to the electricity network. At connect to the charger the red led light it's on
The throttle don't work	The red button on the handle is pressed
The rear light don't work	The connection cable is not well fit on the spot light

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9. WARRANTY

The warranty is 2 years in the mechanic part and months in the electric part (system, engine, switchboard, display, battery and charger).

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IT You can find your user manual at **www.momabikes.com**
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IT Potete scaricare il manuale su **www.momabikes.com**
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